

ABSTRACT

A system for data transmission on board a vehicle, such as a cycle, includes a set of peripheral modules which can be associated to respective sensors for generating respective sensing signals, and a main unit designed to receive the sensing signals coming from the set of peripheral modules. The peripheral modules are configured to transmit the sensing signals in a selective way and in the framework of respective transmission time slots determined by the main unit according to a general criterion of measurement of transmission times and power consumption.